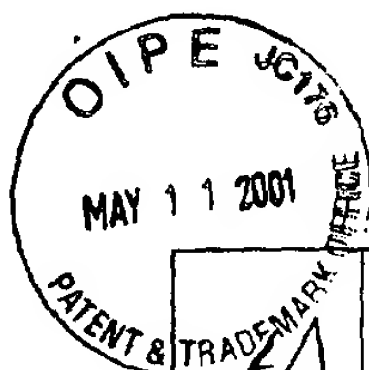




OMB No. 0651-0011

| INFORMATION DISCLOSURE STATEMENT   |                 | Attly. Docket No.:<br>55524USA9A.002  |                     | Serial No.:<br>09/816,937 |          |                            |
|--|-----------------|---|---------------------|---------------------------|----------|----------------------------|
|  |                 | Applicant(s):<br>James F. Brennan, III et al.   |                     |                           |          |                            |
|  |                 | Filing Date:<br>March 23, 2001  |                     | Group:<br>2874            |          |                            |
| U.S. PATENT DOCUMENTS  |                 |   |                     |                           |          |                            |
| Examiner Initial   | Document Number | Date  | Name                | Class                     | SubClass | Filing Date If Appropriate |
| KS   | 5,912,999       | 06/15/99  | Brennan, III et al. | 385                       | 37       | 10/1997                    |
| KS   | 6,035,083       | 03/07/00  | Brennan, III et al. | 385                       | 37       | 7/1998                     |
| FOREIGN PATENT DOCUMENTS   |                 |   |                     |                           |          |                            |
|  | Document Number | Date of Publication   | Country             | Class                     | SubClass | Translation                |
|  |                 |   |                     |                           |          | Yes No                     |
| OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.) |                 |   |                     |                           |          |                            |
| KS   |                 | E. O. Amman et al., "Detailed Experiments on Helium-Neon FM Lasers", <u>Journal of Quantum Electronics</u> , Vol. QE-1, No. 6, Sept. 1965, pp. 262-272.   |                     |                           |          |                            |
| KS   |                 | S. R. Chinn et al., "FM Mode-Locked Nd <sub>0.5</sub> La <sub>0.5</sub> P <sub>5</sub> O <sub>14</sub> Laser <sup>a)</sup> ", <u>Applied Physics Letter</u> , Vol. 34, No. 12, 15 June 1979, pp. 847-849.         |                     |                           |          |                            |
| KS   |                 | S. R. Chinn, et al., "Frequency Modulation Locking in 980nm Strained Quantum Well Lasers", <u>Electronics Letters</u> , Vol. 29, No. 8, 15 April 1993, pp. 646-648.   |                     |                           |          |                            |
| KS   |                 | S. R. Chinn and E. A. Swanson, "Passive FM Locking and Pulse Generation from 980-nm Strained-Quantum-Well Fabry-Perot Lasers", <u>IEEE Photonics Technology Letters</u> , Vol. 5, No. 9, Sept. 1993, pp. 969-971. |                     |                           |          |                            |
| KS   |                 | P. C. Chou et al., "0.5 GHz Picosecond Pulse Train from a DBR Laser and Chirped Fiber Bragg Grating", MIT, Draper Labs, and 3M Telecom Systems Paper.   |                     |                           |          |                            |
| KS   |                 | S. E. Harris and R. Targ, "FM Oscillation of the He-Ne Laser", <u>Applied Physics Letters</u> , Vol. 5, No. 10, 15 Nov. 1964, pp. 202-204.  |                     |                           |          |                            |
| KS   |                 | S. E. Harris and O. P. McDuff, "FM Laser Oscillation - Theory <sup>1</sup> ", <u>Applied Physics Letters</u> , Vol. 5, No. 10, 15 Nov. 1964, pp. 205-206.   |                     |                           |          |                            |
| KS   |                 | O. Kjebon et al., "30 GHz Direct Modulation Bandwidth in Detuned Loaded InGaAsP DBR Lasers at 1.55μm Wavelength", <u>Electronics Letters</u> , Vol. 33, No. 6, 13 Mar. 1997, pp. 488-489.                         |                     |                           |          |                            |



|           |  |  |
|-----------|--|--|
| <i>AD</i> |  | D. J. Kuizenga and A. E. Siegman, "FM-Laser Operation of the Nd:YAG Laser". <u>IEEE Journal of Quantum Electronics</u> , Vol. QE-6, No. 1, Nov. 1970, pp. 673-677.   |
| <i>W</i>  |  | W. K. Marshall et al., "Laser Phase Noise to Intensity Noise Conversion by Lowest-Order Group-Velocity Dispersion in Optical Fiber: Exact Theory", <u>Optics Letters</u> , Vol. 25, No. 3, Feb. 1, 2000, pp 165-167.   |
| <i>R</i>  |  | R. Nagar et al., "Frequency-modulation Mode Locking of a Semiconductor Laser", <u>Optics Letters</u> , Vol. 16, No. 22, Nov. 15, 1991, pp. 1750-1752   |
| <i>W</i>  |  | Eva Peral et al., "Precise Measurement of Semiconductor Laser Chirp Using Effect of Propagation in Dispersive Fiber and Application to Simulation of Transmission Through Fiber Gratings", <u>Journal of Lightwave Technology</u> , Vol. 16, No. 10, Oct. 1998, pp. 1874-1880. |
| <i>RO</i> |  | Luuk F. Tiemeijer et al., "Passive FM Locking in InGaAsP Semiconductor Lasers", <u>IEEE Journal of Quantum Electronics</u> , Vol. 25, No. 6, June 1989, pp. 1385-1392.   |

|                                |                                    |
|--------------------------------|------------------------------------|
| EXAMINER<br><i>[Signature]</i> | Date Considered<br><i>12/02/02</i> |
|--------------------------------|------------------------------------|

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.